Commonwealth of Virginia

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

TIDEWATER REGIONAL OFFICE
5636 Southern Boulevard, Virginia Beach, Virginia 23462
(757) 518-2000 FAX (804) 698-4178
www.deq.virginia.gov

Matthew J. Strickler
Secretary of Natural and Historic Resources

David K. Paylor
Director
(804) 698-4000

Craig R. Nicol
Regional Director

August 17, 2021

Mr. Wagner Ramsey
Plant Manager
Ball Metal Beverage Container Corporation
9300 W. 108th Circle
Bloomfield, Colorado 80021-3682

Location: Williamsburg
Registration No.: 60065

Dear Mr. Ramsey:

Attached is a renewal Title V permit to operate your facility pursuant to 9VAC5 Chapter 80 Article 1 of the Virginia Regulations for the Control and Abatement of Air Pollution. The attached permit will be in effect beginning August 17, 2021.

In the course of evaluating the application and arriving at a final decision to issue this permit, the Department of Environmental Quality (DEQ) deemed the application complete on July 21, 2020 and solicited written public comments by placing a newspaper advertisement in the *Daily Press* on June 2, 2021. The thirty-day required comment period, provided for in 9VAC5-80-270, expired on July 2, 2021.

This permit contains legally enforceable conditions. Failure to comply may result in a Notice of Violation and/or civil charges. Please read all permit conditions carefully.

This permit approval to operate shall not relieve Ball Metal Beverage Container Corporation of the responsibility to comply with all other local, state, and federal permit regulations.

The Board's Regulations as contained in Title 9 of the Virginia Administrative Code 5-170-200 provide that you may request a formal hearing from this case decision by filing a petition with the Board within 30 days after this case decision notice was mailed or delivered to you. Please consult the relevant regulations for additional requirements for such requests.

As provided by Rule 2A:2 of the Supreme Court of Virginia, you have 30 days from the date you actually received this permit or the date on which it was mailed to you, whichever occurred first, within which to initiate an appeal of this decision by filing a Notice of Appeal with:

David K. Paylor, Director
Department of Environmental Quality
PO Box 1105
Richmond, VA 23218

If this permit was delivered to you by mail, three days are added to the thirty-day period in which to file an appeal. Please refer to Part Two A of the Rules of the Supreme Court of Virginia for information on the required content of the Notice of Appeal and for additional requirements governing appeals from decisions of administrative agencies.

If you have any questions concerning this permit, please contact Jeremy Funkhouser at jeremy.funkhouser@deq.virginia.gov or 540-574-7820.

Sincerely,

Craig R. Nicol
Regional Director

CRN/JRP/JWF/60065_016_21_T5R_Ball Metal_cvrltr.docx

Attachment: Permit

cc: Susan Tripp, OAPP (via email)
Chief, Air Enforcement Branch (3AP13), U.S. EPA, Region III
DEQ - Air Compliance Inspector (via email)
Jacqui Baker, Ball Metal Beverage Container Corporation (via email)

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Federal Operating Permit
Article 1

This permit is based upon the requirements of Title V of the Federal Clean Air Act and Chapter 80, Article 1, of the Commonwealth of Virginia Regulations for the Control and Abatement of Air Pollution. Until such time as this permit is reopened and revised, modified, revoked, terminated or expires, the permittee is authorized to operate in accordance with the terms and conditions contained herein. This permit is issued under the authority of Title 10.1, Chapter 13, §10.1-1322 of the Air Pollution Control Law of Virginia. This permit is issued consistent with the Administrative Process Act, and 9VAC5-80-50 through 9VAC5-80-300, of the State Air Pollution Control Board Regulations for the Control and Abatement of Air Pollution of the Commonwealth of Virginia.

Authorization to operate a Stationary Source of Air Pollution as described in this permit is hereby granted to:

Permittee Name:	Ball Metal Beverage Container Corporation
Facility Location:	James River Commerce Center 8935 Pocahontas Trail Williamsburg, Virginia 23185
Registration Number:	60065
Permit Number:	TRO-60065

This permit includes the following programs:
Federally Enforceable Requirements - Clean Air Act (Pages 3 through 49)

August 17, 2021
Effective Date

August 16, 2026
Expiration Date

August 17, 2021
Signature Date

Craig R. Nicol

Table of Contents

Facility Information

Permittee
Ball Metal Beverage Container Corporation
9300 W. 108th Circle
Broomfield, Colorado 80021-3682

Responsible Official
Wagner Ramsey
Plant Manager
(757) 888-1640

Facility
Ball Metal Beverage Container Corporation
James River Commerce Center
8935 Pocahontas Trail
Williamsburg, Virginia 23185

Contact Person
Jacqueline Baker
Environmental Health and Safety
(303) 460-2185
jacqueline.baker@ball.com

County-Plant Identification Number: VA0000005109500008

NAICS: 332431 - Metal Can Manufacturing
SIC: 3411 - Metal Can Manufacturing
The facility manufactures aluminum beverage cans (not the final product).

Facility Description
Ball Metal Beverage Container Corp. operates four can lines designated as Line 2, Line 3, Line 4, and Line 5. The can line emission points include the internal coating process, the decorator process, and the basecoater process.

Can Manufacturing Process: The can manufacturing, process begins by feeding a continuous aluminum sheet into a cupping press. The cupper forms the aluminum into short cups that are extruded into formed cans in the body makers. Cans are conveyed to a can washer to remove any lubricant used in the cupping and body maker processes, and then to a drying oven. A small amount of sulfuric acid emissions are emitted from the washers; however, these emissions are considered insignificant. Hot water boilers are used to heat the water used to wash the cans. No emissions of criteria or hazardous air pollutants are associated with these processes other than the natural gas combustion emissions from the washer ovens and hot water boilers.

The plant's ovens use natural gas as the main fuel source; however, the plant operates an, on-site propane fuel system in emergency situations.

From the can washers, cans are fed to the basecoater where the can exterior is coated: with basecoat. The exterior coating is then cured in the basecoater ovens. Air emissions from the basecoater process are exhausted through the basecoater oven stacks.

An ultraviolet (UV) bottom coater and associated UV light curing oven are installed on Line 2, immediately following the washer. Cans are carried to the bottom coater where the rim on the bottom of each can is coated and then cured with UV light. The cans are then conveyed to the decorator or basecoater operation. An exemption letter was issued for this process on August 31, 2005.

From the basecoater ovens, cans are fed to printers, where thermally cured inks and water-based overvarnish are applied to the cans. Bottom coating is then applied to the cans prior to entering the decorator oven. Air emissions from the decorator process are exhausted through the decorator oven stacks.

After the decorated cans are cured, the cans are conveyed to the internal coating process where a thin layer of water-based, thermally cured coating is applied to the inside of the cans. Overspray emissions from this process are exhausted through a dedicated overspray stack. The cans also receive a small ink identification dot on the outside bottom of the cans while in the spray machine pocket for quality assurance purposes. The coated cans are then cured in natural gas-fired curing ovens. Criteria and hazardous air pollutants from the internal coating process are exhausted out of the overspray and curing oven stacks.

Cans exiting the internal coating ovens are conveyed to a waxer that applies a thin coat of lubricant to the outside top edge of the can in preparation for necking. This lubricant does not contain VOCs. The necker then reduces the diameter of the can opening while the necker and flanger roll back the top edge of the can to form a lip for attaching the can end or lid. The reprofiler makes final adjustments to the bottom of the can. Finished cans are palletized for shipment or storage. There are no air emissions associated with the waxing, necking, reprofiling, or palletizing processes.

Re-spray Process: The facility occasionally manufactures cans which have inside metal exposure, meaning the cans received an insufficient amount of internal coating. The defective cans are palletized and stored until they can be reprocessed at a later date. The facility, performs re-spray operations on the defective cans using a reduced amount of internal coating. The re-sprayed cans are cured in the re-spray curing oven. The emissions from internal coating re-spray are accounted for in the material usage/emission reports.

Emission Units

Process Equipment to be operated consists of:

Emergency Generator

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description *	PCD ID	Pollutant Controlled	Applicable Permit Date
EG	EG	Kohler Natural Gas Emergency Generator, Model 38RCL Manufacture Date: 12/2013 Installation Date: 5/2014	39 kW (75 hp)	--	--	--	--

Inside Spray Coating Operation

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description *	PCD ID	Pollutant Controlled	Applicable Permit Date
01	S010, S011, S020, S021, S022, S023, S024, S027, S028, S029, S030	Lines 2-5 Internal Coating Operations (including respray line)	84.2 gallons coating/hr	--	--	--	5/10/2016
01	S020, S021	Line 2 Internal Coating Oven	5.2 MMBtu/hr	--	--	--	--
01	S010, S011	Line 3 Internal Coating Oven	7.5 MMBtu/hr	--	--	--	--
01	S027, S028	Line 4/5 Combined Internal Coating Oven	10.0 MMBtu/hr	--	--	--	--
01	S029, S030	Internal Coating Respray Oven	2.4 MMBtu/hr	--	--	--	--

Overvarnish Coating Operation

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description *	PCD ID	Pollutant Controlled	Applicable Permit Date
02	S019, S06, S035, S036, S037, S038	Lines 2-5 Overvarnish Rim Coating Operations	32.8 gallons coating/hr	--	--	--	5/10/2016
02	S019	Line 2 Decorator and Oven	5.0 MMBtu/hr	--	--	--	--
02	S06	Line 3 Decorator and Oven	5.0 MMBtu/hr	--	--	--	--
02	S035, S036	Line 4 Decorator and Oven	7.0 MMBtu/hr	--	--	--	--
02	S037, S038	Line 5 Decorator and Oven	7.0 MMBtu/hr	--	--	--	--
02	N/A	UV Bottom Coater and Associated UV Light Curing Tunnel	0.15 gallons coating/hr	--	--	--	--

Exterior Base Coating Operation

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description *	PCD ID	Pollutant Controlled	Applicable Permit Date
01	S016, S017, S033, S034	Lines 1 and 4 Base Coating Operations	20.7 gallons coating/hr	--	--	--	5/10/2016
01	S016, S017	Line 2 Basecoat Oven	5.0 MMBtu/hr	--	--	--	--
01	S033, S034	Line 4 Basecoat Oven	6.0 MMBtu/hr	--	--	--	--

General Plant and Parts Cleaning Operations

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description *	PCD ID	Pollutant Controlled	Applicable Permit Date
04	N/A	Parts cleaning machines (small dip tanks), general wipe cleaning, and video jet	4,050 gallons/yr	--	--	--	--

Can Marking Identification System

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description *	PCD ID	Pollutant Controlled	Applicable Permit Date
05	N/A	Can Marking System	0.08 gallons/million cans (0.03 gallons coating/hr)	--	--	--	5/10/2016

Boilers

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description *	PCD ID	Pollutant Controlled	Applicable Permit Date
B1a	B1a	UNILUX hot water boiler, Model ZF400W Manufactured: 2014 Installed: 3/2015	3.44 MMBtu/hr	--	--	--	--
B1b	B1b	UNILUX hot water boiler, Model ZF1000W Manufactured: 2007 Installed: 5/2015	9.99 MMBtu/hr	--	--	--	--

*The Size/Rated capacity and PCD efficiency is provided for informational purposes only, and is not an applicable requirement.

Natural Gas Emergency Generator Requirements - Emission Unit EG

Limitations

1. Limitations - The emergency generator (EG) is limited to the following:

   a. The emergency generator (EG) shall not operate more than 500 hours per year, calculated monthly as the sum of each consecutive 12-month period. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months.

   b. The operation of the emergency generator (EG) is limited to emergency situations. Emergency situations include emergency generator use to produce power for critical networks or equipment (including power supplied to portions of a facility) when electric power from the local utility (or the normal power source, if the facility runs on its own power production) is interrupted and emergency engine use to pump water in the case of fire or flood, etc.

   c. The emergency generator (EG) may be operated for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by federal, state, or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of hits unit is limited to 50 hours per year.

   d. As outlined in §60.4243(e), owners and operators of stationary SI natural gas fired engines may operate their engines using propane for a maximum of 100 hours per year as an alternative fuel solely during emergency operations, but must keep records of such use.

   e. The permittee shall comply with the applicable notification, reporting, and recordkeeping requirements in 40 CFR 60.4245.

   f. The permittee shall comply with the applicable requirements of the General Provisions as outlined in Table 3 to 40 CFR 60, Subpart JJJJ.

   (9VAC5-80-110 and 40 CFR 60.4243)

2. Limitations - The permittee shall comply with the applicable requirements of 40 CFR 63 Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines). Per 40 CFR 63.6590(c)(1), the permittee shall meet the requirements of 40 CFR 63 Subpart ZZZZ by meeting the requirements of 40 CFR 60 Subpart JJJJ. No further requirements apply under 40 CFR 63 Subpart ZZZZ.
   (9VAC5-80-110, 9VAC5-60-90, 9VAC5-60-100, and 40 CFR 63.6590(c)(1))

3. Limitations - Emissions from the operation of the emergency generator (EG) shall not exceed the limits specified below:

NOx + HC	10 g/HP-hr
CO	387 g/HP-hr

The permittee must operate and maintain the emergency generator (EG) over the entire life of the engine. Compliance with these emission limits may be determined as stated in Conditions 5 and 6.
(9VAC5-80-110, 40 CFR 60.4233(d), and 40 CFR 60.4234)

Monitoring

4. Monitoring - The permittee shall comply with the applicable monitoring requirements in 40 CFR 60.4237. The emergency generator (EG) must be equipped with a non-resettable hour meter prior to startup of the engine.
(9VAC5-80-110 and 40 CFR 60.4237)

5. Monitoring - The permittee shall demonstrate compliance with the emission standards in Condition 3 by complying with a or b below:

   a. Purchasing an engine certified according to procedures specified in 40 CFR 60 Subpart JJJJ, for the same model year and demonstrating compliance according to one of the methods specified.

      i. Operate and maintain the certified stationary SI internal combustion engine and control device according to the manufacturer's emission-related written instructions you must keep records of conducted maintenance to demonstrate compliance, but no performance testing is required. The permittee must also meet the requirements as specified in 40 CFR part 1068, subparts A through D, as they apply to you.

      ii. If you do not operate and maintain the certified stationary SI internal combustion engine and control device according to the manufacturer's emission-related written instructions, your engine will be considered a non-certified engine, and you must demonstrate compliance by keeping a maintenance plan and records of conducted maintenance to demonstrate compliance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions.

b. Purchasing a non-certified engine and demonstrating compliance with the emission standards specified in Condition 3, and according to the requirements specified in 40 CFR 60.4244, as applicable. The permittee must keep a maintenance plan and records of conducted maintenance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions.

(9VAC5-80-110 and 40 CFR 60.4243 (a) and (b))

6. Monitoring - The permittee must keep a maintenance plan and records of conducted maintenance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. (9VAC5-80-110 and 40 CFR 60.4243 (d))

Recordkeeping

7. Recordkeeping - The permittee shall maintain records of emission data and operating parameters as necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Director, Tidewater Regional Office. These records shall include, but are not limited to:

a. Annual hours of operation of the emergency generator (EG) for emergency purposes, calculated monthly as the sum of each consecutive 12-month period.

b. Records of time, date, and duration of operation for the emergency generator (EG) for maintenance checks and readiness testing.

c. Annual hours of operation for the emergency generator (EG) for maintenance checks and readiness testing, calculated monthly as the sum of each consecutive 12-month period.

d. Records of maintenance conducted on the engine.

e. If the stationary SI internal combustion engine is a certified engine, documentation from the manufacturer that the engine is certified to meet the emission standards in Condition 3, and the information as required in 40 CFR parts 90, 1048, 1054, and 1060, as applicable.

f. If the stationary SI internal combustion engine is not a certified engine or is a certified engine operating in a non-certified manner and subject to §60.4243(a)(2), documentation that the engine meets the emission standards.

These records shall be available for inspection by the DEQ and shall be current for the most recent five years.
(9VAC5-80-110, 9VAC5-50-50, and 40 CFR 60.4245)

Testing

8. Testing - Upon request by the DEQ, the permittee shall conduct performance tests or visible emission evaluations to demonstrate compliance with the emission limits contained in this permit. The details of the tests shall be arranged with the DEQ. If further testing is conducted in addition to the monitoring specified in this permit, the permittee shall use the appropriate method(s) in accordance with procedures listed in 9VAC5-40-6740 or as approved by the DEQ. Samples taken as required by this permit, or otherwise, shall be analyzed in accordance with 1 VAC 30-45, Certification for Noncommercial Environmental Laboratories, or 1 VAC 3046, Accreditation for Commercial Environmental Laboratories.
(9VAC5-80-110)

Fuel Burning Equipment Requirements - Line 4/5 Combined Internal Coating Oven

Limitations

9. Limitations - (Line 4/5 Combined Internal Coating Oven) - The approved fuel for the Line 4 / 5 combined internal coating oven is natural gas and/or propane. A change in the fuels may require a permit to modify and operate.
(9VAC5-80-110)

10. Limitations - (Line 4/5 Combined Internal Coating Oven) - No owner or other person shall cause or permit to be discharged into the atmosphere from any fuel burning equipment installation any gaseous products of combustion containing particulate emissions in excess of the following limits:

PM	(for installation)	0.60 lb/million Btu input
	(for the Line 4/5 combined internal coating oven)	6.01 lbs/hr

For fuel burning equipment installations with total capacity between 10 million and 10 billion Btu per hour, the maximum allowable emission ratio, E, in pounds of particulate per million Btu input, shall be determined by the following equation: $E = 1.090611^{4\,2594}$, where H is the total capacity in millions of Btu per hour. The maximum allowable particulate emissions for each fuel burning equipment unit shall be the product of the rated capacity and the emission ratio.
(9VAC5-80-110 and 9VAC5-40-900)

11. Limitations - (Line 4/5 Combined Internal Coating Oven) - No owner or other person shall cause or permit to be discharged into the atmosphere from any fuel burning equipment installation any sulfur dioxide emissions in excess of the following limit:

SO_2	26.4 lbs/hr

The maximum emissions shall be determined by the following equation: $S = 2.64K$, where S = allowable emissions of sulfur dioxide expressed in pounds per hour, and K = heat input at total capacity expressed in million Btu per hour.
(9VAC5-80-110 and 9VAC5-40-930)

12. Limitations - (Line 4/5 Combined Internal Coating Oven) - No owner or other person shall cause or permit to be discharged into the atmosphere from any affected facility any visible emissions which exhibit greater than 20 percent opacity, except for one six-minute period in any one hour of not, more than 30 percent opacity. Failure to meet the requirements of this section because of the presence of water vapor shall not be a violation. The opacity standard (visible emission standard) shall apply at all times except during periods of startup and shutdown.
(9VAC5-80-1180, 9VAC5-50-20, and 9VAC5-50-80)

13. Limitations - (Line 4/5 Combined Internal Coating Oven) - At all times, including periods of startup, shutdown, and malfunction, owners shall, to the extent practicable, maintain, and operate any affected facility including associated air pollution control equipment in a manner consistent with air pollution control practices for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Virginia Department of Environmental Quality, which may include, but is not limited to, monitoring results; opacity observations, review of operating and maintenance procedures, and inspection of the source. (9VAC5-80-110 and 9VAC5-50-20 E)

Testing

14. Testing - (Line 4/5 Combined Internal Coating Oven) - Upon request by the DEQ, the permittee shall conduct performance tests or visible emission evaluations to demonstrate compliance with the emission limits contained in this permit. The details of the tests shall be arranged with the DEQ. If further testing is conducted in addition to the monitoring specified in this permit, the permittee shall use the appropriate method(s) in accordance with procedures listed in 9VAC5-40-6740 or as approved by the DEQ. Samples taken as required by this permit, or otherwise, shall be analyzed in accordance with 1 VAC 30-45, Certification for Noncommercial Environmental Laboratories, or 1 VAC 3046, Accreditation for Commercial Environmental Laboratories. (9VAC5-80-110)

Recordkeeping

15. Recordkeeping - (Line 4/5 Combined Internal Coating Oven) - The permittee shall maintain records of emission data and operating parameters necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Director, Tidewater Regional Office. These records shall include, but are not limited to:

    a. DEQ-approved, pollutant-specific emission factors and equations used for actual emissions calculations.

    b. Results of all visible emission evaluations, fugitive emission evaluations and performance evaluations.

    These records shall be available for inspection by the DEQ and shall be current for the most recent five years. (9VAC5-80-110 and 9VAC5-50-50)

Process Equipment Requirements - Emission Units 01, 02, 03, and 05

Limitations

16. Limitations - (01, 02, 03, and 05) - VOC Emission Controls - Volatile organic compounds shall not be intentionally spilled, discarded to sewers, stored in open containers, or handled in any other manner that would result in evaporation beyond that consistent with air pollution control practices for minimizing emissions.
(9VAC5-80-110 and Condition 3 of the Permit dated August 17, 2010)

17. Limitations - (01, 02, 03, and 05) - Plant-wide Emission Limits - Total emissions from the internal coating, overvarnish coating, and base coating operations shall not exceed the limits specified below:

Volatile Organic Compounds	174.9 lbs/hr	451.7 tons/yr

(9VAC5-80-110 and Condition 4 of the Permit dated August 17, 2010)

18. Limitations - (03 and 05) - Exterior White Base Coating Operations - Emissions from the operation of each exterior white base coating operation shall not exceed the limits specified below:

Volatile Organic Compounds	0.29 kilogram of VOC per liter of coating solids

(9VAC5-80-110, 9VAC5-50-400, 9VAC5-50-410, and Condition 5 of the Permit dated August 17, 2010)

19. Limitations - (01, 02, and 05) - Internal Coating Operations - Emissions from the operation of each internal coating operation shall not exceed the limits specified below:

Volatile Organic Compounds	0.89 kilogram of VOC per liter of coating solids

(9VAC5-80-110, 9VAC5-50-400, 9VAC5-50-410, and Condition 7 of the Permit dated August 17, 2010)

20. Limitations - (01, 02, 03, and 05) - Except where this permit is more restrictive than the applicable requirement, the NSPS equipment shall be operated in compliance with the requirements of 40 CFR 60 Subpart WW.
(9VAC5-80-110, 9VAC5-50-400, 9VAC5-50-410, and Condition 8 of the Permit dated August 17, 2010)

21. Limitations - (01, 02, 03, and 05) - Visible Emissions from each stack shall not exceed 20 percent opacity except during one six-minute period in any one hour in which visible emissions shall not exceed 30 percent opacity.
(9VAC5-80-110 and 9VAC5-50-80)

22. Limitations - (01, 02, 03, and 05) - No owner or other person shall cause or permit to be discharged into the atmosphere from any process unit any particulate emissions in excess of the limits in 9VAC5-40-260, Table 4-4A.
(9VAC5-80-110 and 9VAC5-40-260)

23. Limitations - (01, 02, 03, and 05) - The total process weight rate for each individual process unit at a plant or premises shall be used for determining the maximum allowable emission rate of particulate that passes through a stack or stacks.
(9VAC5-80-110, 9VAC5-40-260, and 9VAC5-40-22)

24. Limitations - (01, 02, 03, and 05) - Unless otherwise specified, the allowable particulate mass emission rate shall be determined for individual units of equipment.
(9VAC5-80-110, 9VAC5-40-260, and 9VAC5-40-22)

25. Limitations - (01, 02, 03, and 05) - The particulate emission limit above the maximum process weight rate shall be determined by linear interpolation. For interpolation between two values on a process weight rate table the following equation should be used:

$$E = [E_G - E_L]\left[\frac{P - P_L}{P_G - P_L}\right] + E_L$$

Where:

E = Emission rate being calculated.
E_L = Emission rate for P_L as determined from the process weight rate table.
E_G = Emission rate for P_G as determined from the process weight rate table.
P = Process weight rate of the unit.
P_L = Process weight rate in the process weight rate table which is closest to but less than the proposed rate of the unit.
P_G = Process weight rate listed in the process weight rate table which is closest to but greater than the weight rate of the unit.

(9VAC5-80-110, 9VAC5-40-260, and 9VAC5-40-22)

26. Limitations - (01, 02, 03, and 05) - Where the nature of any process or design of any equipment is such as to permit more than one interpretation of a regulation, the interpretation that results in the minimum value for allowable emissions shall apply.
(9VAC5-80-110, 9VAC5-40-260, and 9VAC5-40-22)

27. Limitations - (01, 02, 03, and 05) - Interpolation of the data in 9VAC5-40-260 A (Table 4-4A) for process weight rates up to 60,000 lb/hr shall be accomplished by use of the following equation:

$$E = 4.10P^{0.67}$$

Where:
E = Emission rate in lbs/hr.
P = Process weight rate in tons/hr.

(9VAC5-80-110 and 9VAC5-40-260 C)

28. Limitations - (01, 02, 03, and 05) - Interpolation and extrapolation of the data for process weight rates in excess of 60,000 lb/hr shall be accomplished by use of the following equation:

$$E = 55.0P^{0.11} - 40$$

Where:
E = Emission rate in lbs/hr.
P = Process weight rate in tons/hr.

(9VAC5-80-110 and 9VAC5-40-260 D)

Testing

29. Testing - (01, 02, 03, and 05) - Performance Evaluations - Monthly performance tests to determine the volume-weighted average of the total mass of VOC per volume of coating solids used shall be conducted in accordance with 40 CFR 60.493. Reports of performance test results shall be in accordance with 40 CFR 60.495. One copy of each test report shall be submitted to the Director, Tidewater Regional Office and shall be postmarked by the 30th day following the end of the reporting period.
(9VAC5-80-110, 9VAC5-50-400, 9VAC5-50-410, 40 CFR 60.493(b), and Condition 9 of the Permit dated August 17, 2010)

Recordkeeping

30. Recordkeeping - (01, 02, 03, and 05) - The permittee shall maintain records of emission data and operating parameters as necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Director, Tidewater Regional Office. These records shall include, but are not limited to:

    a. An operating log of coating, ink, and clean-up solvent consumption. This log shall; be maintained in a manner sufficient to calculate total monthly and annual emissions of Volatile Organic Compounds. Annual emissions shall be calculated monthly as the sum of each consecutive 12-month, period. Compliance for the consecutive 12-month period shall' be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months.

    b. Records of all data and calculations used in the monthly performance tests to determine the volume-weighted average of the total mass of VOC per volume of coating solids used, as required by 40 CFR 60.495(b).

    The details and format of the operating log and calculations shall be arranged with the Director, Tidewater Regional Office. These records shall be available on site for inspection by the DEQ and shall be current for the most recent five years.
    (9VAC5-80-110, 9VAC5-50-50, 9VAC5-50-400, 9VAC5-50-410, and Condition 11 of the Permit dated August 17, 2010)

Parts Cleaning Requirements - Emission Unit 04

Limitations

31. Limitations - (04) - Rule 4-24 - Vapor control shall be implemented for each cold cleaner to remove, destroy, or prevent the discharge into the atmosphere of at least 85% by weight of volatile organic compound emissions. Achievement of the 85% vapor control shall be accomplished by the following:

    a. Covers or enclosed remote reservoirs;

    b. Drainage facilities to collect and return solvent to a closed container or a solvent cleaning machine;

    c. A permanent label, summarizing the operating procedures in 9VAC5-40-3290 C (2)(a through c) on or near the cold cleaning units; and

    d. If used, the solvent spray shall be a solid, fluid stream (not a fine, atomized or shower type spray) and at a pressure which does not cause excessive splashing.

    (9VAC5-80-110, 9VAC5-40-3280 C(1) and C(2), and 9VAC5-40-3290 (C) and (D))

32. Limitations - (04) - Rule 4-24 - The following operating procedures for the cold cleaning units shall be followed:

    a. Waste solvent shall not be disposed of or transferred to another party, such that greater than 20% of the waste (by weight) can evaporate to the atmosphere. Waste solvent shall be stored in closed containers only.

    b. The cold cleaning unit cover shall be closed whenever not handling parts in the cold cleaner.

    c. Cleaned parts shall drain for at least 15 seconds or until dripping ceases.

    (9VAC5-80-110 and 9VAC5-40-3290 C(2)(a through c))

33. Limitations - (04) - Rule 4-24 - Disposal of waste solvent from the cold cleaning units shall be by one of the following methods:

    a. The label with the operating procedures is placed on or near each degreasing unit;

    b. Each degreasing unit has a cover or enclosed remote reservoir; and

    c. Waste solvent from each degreasing unit is being stored in closed containers.

    (9VAC5-80-110 and 9VAC5-40-3290 D)

Monitoring

34. Monitoring - (04) - Rule 4-24 - Each degreasing unit shall be inspected at least once per calendar year to ensure that the following are met:

    a. The label with the operating procedures is placed on or near each degreasing unit;

    b. Each degreasing unit has a cover or enclosed remote reservoir; and

    c. Waste solvent from each degreasing unit is being stored in closed containers.
    (9VAC5-80-110, 9VAC5-40-3280 C(1) and C(2), and 9VAC5-40-3290 (C) and (D))

Recordkeeping

35. Recordkeeping - The permittee shall maintain records of emission data and operating parameters as necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Director, Tidewater Regional Office. These records shall include, but are not limited to:

    a. Annual inspection results and any corrective actions taken; and

    b. Methods of waste solvent disposal used.

    The details and format of the records shall be arranged with the Director, Tidewater Regional Office. These records shall be available on site for inspection by the DEQ and shall be current for the most recent five years.
    (9VAC5-80-110)

National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Cans

Limitations

36. Limitations - The permittee shall be in compliance with the requirements of 40 CFR 63, Subpart KKKK one year after the area source becomes a major source. (9VAC5-80-110 and 40CFR63.3483(c)(2))

37. Limitations - The permittee must limit organic HAP emissions to the atmosphere to no more than the following, during each 12-month compliance period, determined according to the requirements in §63.3521, and Conditions 42 and 43:

If you apply surface coatings to metal cans or metal can parts in this subcategory ...	Then for all coatings of this type ...	You must meet the following organic HAP emission limit in kg HAP/liter solids (lbs HAP/gal solids):[a]
One and two-piece draw and iron can body coating	Two-piece beverage cans-all coatings	0.07 (0.59)

[a] Rounding differences in specific emission limits are attributable to unit conversions.

You must include all coatings and thinners used in all surface coating operations within a subcategory or coating type segment when determining whether the organic HAP emission rate is equal to or less than the applicable emission limits above. (9VAC5-80-110, 40CFR63.3490(b), Table 2 to 40 CFR 63 Subpart KKKK, and 40CFR63.3491)

38. Limitations - The permittee shall demonstrate that the organic HAP content of each coating used in the coating operation(s) is less than or equal to the applicable emission limit in §63.3490 and Condition 37, and that each thinner used contains no organic HAP. You must meet all the requirements of §§63.3520, 63.3521, 63.3522, and Conditions 41, 42, 43, and 44, to demonstrate compliance with the emission limit in Condition 37. (9VAC5-80-110 and 40CFR64.3491(a))

39. Limitations - The permittee must be in compliance with limitations as specified:

    a. The permittee must be in compliance with the applicable emission limitations in 40CFR63.3490 and Condition 37, at all times.

b. At all times, the owner or operator must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require the owner or operator to make any further efforts to reduce emissions if levels required by the applicable standard have been achieved. Determination of whether a source is operating in compliance with operation and maintenance requirements will be based on information available to the Administrator that may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the affected source.

(9VAC5-80-110 and 40CFR63.3500(a) and (b))

40. Limitations - The facility shall meet the General Provisions of 40CFR63, Subpart A, as provided in Table 5 to 40CFR63, Subpart KKKK.
(9VAC5-80-110 and 40CFR63.3501)

Monitoring

41. Monitoring - You must complete the initial compliance demonstration for the initial compliance period according to the requirements in §63.3521 and Conditions 42, 43. The initial compliance period begins on the applicable compliance date specified in §63.3483, and Condition 36, and ends on the last day of the 12th month following the compliance date. If the compliance date occurs on any day other than the first day of a month, then the initial compliance period extends through the end of that month plus the next 12 months. The initial compliance demonstration includes the calculations according to §63.3521 and Condition 42, and supporting documentation showing that, during the initial compliance period, you used no coating with an organic HAP content that exceeded the applicable emission limit in §63.3490 and Condition 37, and you used no thinners that contained organic HAP.
(9VAC5-80-110 and 40CFR63.3520)

42. Monitoring - You may use the compliant material option for any individual coating operation, for any group of coating operations within a subcategory or coating type segment, or for all the coating operations within a subcategory or coating type segment. To demonstrate initial compliance using the compliant material option, the coating operation or group of coating operations must use no coating with an organic HAP content that exceeds the applicable emission limit in §63.3490 and must use no thinner that contains organic HAP as determined according to this section. You must meet all the requirements of this section for the coating operation or group of coating operations using this option. Use the procedures in this section on each coating and thinner in the condition it is in when it is received from its manufacturer or supplier and prior to any alteration (e.g., mixing or thinning). All required calculations and compliance demonstrations may be performed with either metric or English units.
(9VAC5-80-110 and 40CFR63.3521)

43. Monitoring - To determine initial compliance:
    a. Determine the mass fraction of organic HAP for each material used. You must determine the mass fraction of organic HAP for each coating and thinner used during the compliance period by using one of the following methods:

        i. 40CFR63, Appendix A, Method 311

        ii. 40CFR60, Appendix A, Method 24

        iii. Alternative method. You may use an alternative test method for determining the mass fraction of organic HAP upon approval from the DEQ.

        iv. Information from the supplier or manufacturer of the material.

        v. Solvent blends.

    b. Determine the volume fraction of coating solids for each coating. You must determine the volume fraction of coating solids (liters of coating solids per liter of coating) for each coating used during the compliance period by a test or by information provided by the supplier or the manufacturer of the material as specified in (i) and (ii) below. If test results obtained according to (i) do not agree with the information obtained under (ii), the test results will take precedence.

        i. ASTM Method D2697-03 (2014) or D6093-97 (2016). You may use ASTM D2697-03 (2014), "Standard Test Method for Volume Nonvolatile Matter in Clear or Pigmented Coatings," or ASTM D6093-97 (2016), "Standard Test Method for Percent Volume Nonvolatile Matter in Clear or Pigmented Coatings Using a Helium Gas Pycnometer", to determine the volume fraction of coating solids for each coating.

        ii. Information from the supplier or manufacturer of the material. You may obtain the volume fraction of coating solids for each coating from the supplier or manufacturer.

    c. Determine the density of each coating. Determine the density of each coating used during the compliance period from test results using ASTM Method D1475-13 "Standard Test Method for Density of Liquid Coatings, Inks, and Related Products" or information from the supplier or manufacturer of the material. If there is disagreement between ASTM Method D1475-13 test results and the supplier's or manufacturer's information, the test results will take precedence.

d. Calculate the organic HAP content of each coating. Calculate the organic HAP content, kg organic HAP per liter coating solids, of each coating used during the compliance period, using Equation 1:

$$H_c = \frac{(D_c)(W_c)}{V_s}$$

…. Equation 1

Where:
H_c = Organic HAP content of the coating, kg organic HAP per liter coating solids.
D_c = Density of coating, kg coating per liter coating, determined according to paragraph (c) of this Condition.
W_c = mass fraction of organic HAP in the coating, kg organic HAP per kg coating, determined according to paragraph (a) of this Condition.
V_s = Volume fraction of coating solids, liter coating solids per liter coating, determined according to paragraph (b) of this Condition.

e. Compliance demonstration. The organic HAP content for each coating used during the initial compliance period, determined using Equation 1 of this Condition, must be less than or equal to the applicable emission limit in §63.3490 and Condition 37, and each thinner used during the initial compliance period must contain no organic HAP, determined according to paragraph (a) of this Condition. You must keep all records required by §§63.3512, §63.3513, and Conditions 45 and 46. As part of the Notification of Compliance Status required in §63.3510 and Condition 47, you must identify the coating operations for which you used the compliant material option and submit a statement that the coating operations were in compliance with the emission limitations during the initial compliance period because you used no coatings for which the organic HAP content exceeded the applicable emission limit in §63.3490 and Condition 37, and you used no thinners that contained organic HAP, determined according to section (a) of this Condition.

(9VAC5-80-110 and 40CFR63.3521(a) through (e))

44. Monitoring - To determine continuous compliance the permittee shall:

a. For each compliance period, you must use no coating for which the organic HAP content, determined using Equation 1 of §63.3521 and Condition 43, exceeds the applicable emission limit in §63.3490 and Condition 37, and use no thinner that contains organic HAP, determined according to §63.3521(a) and Condition 43. A compliance period consists of 12 months. Each month after the end of the initial compliance period described in §63.3520, and Condition 41, is the end of a compliance period consisting of that month and the preceding 11 months.

b. If you choose to comply with the emission limitations by using the compliant material option, the use of any coating or thinner that does not meet the criteria specified in paragraph (a) of this section is a deviation from the emission limitations that must be reported as specified in §§63.3510(b)(6) and 63.3511(a)(5) and Conditions 47 and 48.

c. As part of each semiannual compliance report required by §63.3511 and Condition 48, you must identify the coating operation(s) for which you used the compliant material option. If there were no deviations from the emission limitations set forth in §63.3490 and Condition 37, submit a statement that the coating operation(s) was (were) in compliance with the emission limitations during the reporting period because you used no coating for which the organic HAP content exceeded the applicable emission limit in §63.3490 and Condition 37, and you used no thinner that contained organic HAP, as determined according to §63.3521(a).

d. You must maintain records as specified in §§63.3512 and 63.3513, and Conditions 45 and 46.

(9VAC5-80-110 and 40CFR63.3522(a) through (d))

Recordkeeping

45. Recordkeeping - You must collect and keep records of the data and information specified in this Condition. Failure to collect and keep the records is a deviation from the applicable standard.

a. A copy of each notification and report that you submitted to comply with this subpart and the documentation supporting each notification and report.

b. A current copy of information provided by materials suppliers or manufacturers, such as manufacturer's formulation data, or test data used to determine the mass fraction of organic HAP and density for each coating and thinner and the volume fraction of coating solids for each coating. If you conducted testing to determine mass fraction of organic HAP, density, or volume fraction of coating solids, you must keep a copy of the complete test report. If you use information provided to you by the manufacturer or supplier of the material that was based on testing, you must keep the summary sheet of results provided to you by the manufacturer or supplier.

c. For each compliance period, the records specified in paragraphs (c)(i) and (ii) of this Condition.

i. A record of the coating operations at which you used each compliance option and the time periods (beginning and ending dates and times) you used each option.

ii. For the compliant material option, a record of the calculation of the organic HAP content for each coating, using Equation 1 of §63.3521 and Condition 43.

d. A record of the name and volume of each coating and thinner used during each compliance period.

e. A record of the mass fraction of organic HAP for each coating and thinner used during each compliance period.

f. A record of the volume fraction of coating solids for each coating used during each compliance period.

g. A record of the density for each coating used during each compliance period.

h. For each deviation from an emission limitation reported under §63.3511(a)(5) through (8) and Condition 48, a record of the information specified in paragraphs (h)(i) through (iv), below:

i. The date, time, and duration of the deviation, as reported under §63.3511(a)(5) through (8) and Condition 48.

ii. A list of the affected sources or equipment for which the deviation occurred and the cause of the deviation, as reported under §63.3511(a)(5) through (8) and Condition 48.

iii. An estimate of the quantity of each regulated pollutant emitted over any applicable emission limit in §63.3490 and Condition 37, and a description of the method used to calculate the estimate, as reported under §63.3511(a)(5) through (8) and Condition 48.

iv. A record of actions taken to minimize emissions in accordance with §63.3500(b) and any corrective actions taken to return the affected unit to its normal or usual manner of operation.

(9VAC5-80-110, 40CFR63.3512, and 40CFR63.3513)

46. Recordkeeping - The following recordkeeping requirements are applicable to the permittee:

a. Your records must be kept in a form suitable and readily available for expeditious review, according to §63.10(b)(1). Where appropriate, the records may be maintained as electronic spreadsheets or as a database. Any records required to be maintained by this subpart that are in reports that were submitted electronically via the EPA's CEDRI may be maintained in electronic format. This ability to maintain electronic copies does not affect the requirement for facilities to make records, data, and reports available upon request from the DEQ or the EPA.

b. As specified in §63.10(b)(1), you must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.

c. You must keep each record on site for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to §63.10(b)(1). You may keep the records off site for the remaining 3 years.

(9VAC5-80-110 and 40CFR63.3513)

Reporting

47. Reporting - The following notifications are required:

a. You must submit the notifications in 40CFR63.7(b) and (c), §63.8(f)(4), and §63.9(b) through (e) and (h) that apply to you by the dates specified in those sections.

b. Initial Notification - You must submit the Initial Notification no later than 120 days after the source becomes subject to 40CFR63 Subpart KKKK.

c. Notification of Compliance Status - You must submit the Notification of Compliance Status required by §63.9(h) no later than 30 calendar days following the end of the initial compliance period described in §63.3520 and Condition 41. The Notification of Compliance Status must contain the information specified in (c)(i) through (viii) below, and in §63.9(h):

i. Company name and address.

ii. Statement by a responsible official with that official's name, title, and signature certifying the truth, accuracy, and completeness of the content of the report.

iii. Date of the report and beginning and ending dates of the reporting period. The reporting period is the initial compliance period described in §63.3520 and Condition 41.

iv. Identification of the compliance option or options specified in §63.3491 that you used on each coating operation in the affected source during the initial compliance period.

v. Statement of whether or not the affected source achieved the emission limitations for the initial compliance period.

vi. If you had a deviation, include the information in parts (1) and (2) of this Condition.

(1) A description and statement of the cause of the deviation.

(2) If you failed to meet the applicable emission limit in §63.3490, include all the calculations you used to determine the kilogram (kg) organic HAP emitted per liter of coating solids (or lb organic HAP emitted per gallon of coating solids) used. You do not need to submit information provided by the materials suppliers or manufacturers or test reports.

vii. For each of the data items listed in paragraphs (1) through (3) below, that is required to demonstrate compliance with the emission limit, include an example of how you determined the value, including calculations and supporting data. Supporting data can include a copy of the information provided by the supplier or manufacturer of the example coating or material or a summary of the results of testing conducted according to §63.3521(a), (b), or (c), and Conditions 42 and 43. You do not need to submit copies of any test reports.

(1) Mass fraction of organic HAP for one coating and for one thinner.

(2) Volume fraction of coating solids for one coating.

(3) The example coating density.

viii. The calculation of kg organic HAP emitted per liter of coating solids used. Provide an example calculation of the organic HAP content for one coating, using Equation 1 of §63.3521 and Condition 43.

(9VAC5-80-110 and 40CFR63.3510(a) through (c))

48. Reporting - The permittee must submit the following reports:

a. Semiannual compliance reports - You must submit semiannual compliance reports for each affected source according to the requirements of paragraphs (a)(i) through (vii) of this Condition. The semiannual compliance reporting requirements may be satisfied by reports required under other parts of the Clean Air Act (CAA), as specified in paragraph (a)(ii) of this Condition.

i. Dates. Unless the DEQ has approved a different schedule for submission of reports under §63.10(a), you must prepare and submit each semiannual compliance report according to the dates specified in paragraphs (a)(i)(1) through (4) of this Condition. Note that the information reported for each of the months in the reporting period will be based on the last 12 months of data prior to the date of each monthly calculation.

(1) The first semiannual compliance report must cover the first semiannual reporting period which begins the day after the end of the initial compliance period described in §63.3520, and ends on June 30 or December 31, whichever occurs first following the end of the initial compliance period.

(2) Each subsequent semiannual compliance report must cover the subsequent semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31.
(3) Each semiannual compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period.
(4) You may submit the first and subsequent compliance reports according to the dates in Condition 66 instead of the date specified in paragraph (a)(i)(3) of this section.

ii. The permittee must report all deviations as defined in 40CFR63 Subpart KKKK in the semiannual monitoring report required by Condition 66.

iii. General requirements - The semiannual compliance report must contain the information specified in paragraphs (a)(iii)(1) through (5) of this Condition and the information specified in paragraphs (a)(iv) through (vii) and (c)(i) of this Condition, as applicable.

(1) Company name and address.
(2) Statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.
(3) Date of report and beginning and ending dates of the reporting period. The reporting period is the 6-month period ending on June 30 or December 31. Note that the information reported for each of the 6 months in the reporting period will be based on the last 12 months of data prior to the date of each monthly calculation.
(4) Identification of the compliance option or options specified in §63.3491 that you used on each coating operation during the reporting period. If you switched between compliance options during the reporting period, you must report the beginning and ending dates you used each option.

iv. No deviations. If there were no deviations from the emission limits in §63.3490 and Condition 37, the semiannual compliance report must include a statement that there were no deviations from the emission limitations during the reporting period.

v. Deviations. Compliant material option - If you used the compliant material option and there was a deviation from the applicable emission limit in §63.3490 and Condition 37, the semiannual compliance report must contain the information in paragraphs (a)(v)(1) through (5) of this Condition as specified below:

(1) Identification of each coating used that deviated from the emission limit, each thinner used that contained organic HAP, and the date, time, and duration each was used.
(2) The calculation of the organic HAP content (using Equation 1 of §63.3521 and Condition 43) for each coating identified in paragraph (a)(v)(1) of this section. You do not need to submit background data supporting this calculation (e.g., information provided by coating suppliers or manufacturers, or test reports).
(3) The determination of mass fraction of organic HAP for each coating and thinner identified in paragraph (a)(v)(1) of this Condition. You do not need to submit background data supporting this calculation (e.g., information provided by material suppliers or manufacturers, or test reports).
(4) A statement of the cause of each deviation (including unknown cause, if applicable).
(5) The number of deviations and, for each deviation, a list of the affected source or equipment, an estimate of the quantity of each regulated pollutant emitted over any applicable emission limit in §63.3490 and Condition 37, a description of the method used to estimate the emissions, and the actions you took to minimize emissions in accordance with §63.3500(b) and Condition 39.

b. The owner or operator shall submit the initial notifications required in §63.9(b) and the notification of compliance status required in §§63.9(h) and 63.3510(c) to the EPA via the CEDRI. The CEDRI interface can be accessed through the EPA's CDX (https://cdx.epa.gov). The owner or operator must upload to CEDRI an electronic copy of each applicable notification in PDF. The applicable notification must be submitted by the deadline specified in this subpart, regardless of the method in which the reports are submitted. Owners or operators who claim that some of the information required to be submitted via CEDRI is CBI shall submit a complete report generated using the appropriate form in CEDRI or an alternate electronic file consistent with the XML schema listed on the EPA's CEDRI website, including information claimed to be CBI, on a compact disc, flash drive, or other commonly used electronic storage medium to the EPA. The electronic medium shall be clearly marked as CBI and mailed to U.S. EPA/OAQPS/CORE CBI Office, Attention: Group Leader, Measurement Policy Group, MD C404-02, 4930 Old Page Rd., Durham, NC 27703. The same file with the CBI omitted shall be submitted to the EPA via the EPA's CDX as described earlier in this condition.

c. Upon issuance of the permit, or once the reporting template has been available on the CEDRI website for 1 year, whichever date is later, the owner or operator shall submit the semiannual compliance report required in paragraph (a) of this section to the EPA via the CEDRI. The CEDRI interface can be accessed through the EPA's CDX (https://cdx.epa.gov). The owner or operator must use the appropriate electronic template on the CEDRI website for this subpart (https://www.epa.gov/electronic-reporting-air-emissions/compliance-and-emissions-data-reporting-interface-cedri).

d. If you are required to electronically submit a report through the CEDRI in the EPA's CDX, you may assert a claim of the EPA system outage for failure to timely comply with the reporting requirement. To assert a claim of the EPA system outage, you must meet the requirements outlined in paragraphs (g)(1) through (7) of section 63.3511.

e. If you are required to electronically submit a report through CEDRI in the EPA's CDX, you may assert a claim of force majeure for failure to timely comply with the reporting requirement. To assert a claim of force majeure, you must meet the requirements outlined in paragraphs (h)(1) through (5) of section 63.3511.

(9VAC5-80-110 and 40CFR63.3511)

National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters - Emission Units B1a and B1b

Limitations

49. Boiler MACT Requirements: Subpart DDDDD - Except where this permit is more restrictive, the boilers (Ref. B1a and B1b) shall be operated in compliance with the requirements of 40CFR63, Subpart DDDDD.
(9VAC5-80-110 and 40CFR63 Subpart DDDDD)

50. Boiler MACT Requirements: Subpart DDDDD - The boilers (Ref. B1a and B1b) shall be in compliance with the requirements of 40CFR63, Subpart DDDDD upon startup as a Major Source of Hazardous Air Pollutants.
(9VAC5-80-110 and 40CFR63.7495(c)(1))

51. Operating Limits - At all times, you must operate and maintain the boilers, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to DEQ that may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.
(9VAC5-80-110 and 40 CFR 63.7500(a)(3))

52. Tune-Up: Every Five Years - For the boilers (Ref. B1a), you must conduct a performance tune-up every five years, as specified below. Each 5-year tune-up must be conducted no more than 61 months after the initial startup and then 61 months after the previous tune-up. If the unit is not operating on the required date for a tune-up, the tune-up must be conducted within 30 calendar days of startup.

    a. As applicable, inspect the burner, and clean or replace any components of the burner as necessary (you may perform the burner inspection any time prior to the tune-up or delay the burner inspection until the next scheduled unit shutdown). Units that produce electricity for sale may delay the burner inspection until the first outage, not to exceed 36 months from the previous inspection. At units where entry into a piece of process equipment or into a storage vessel is required to complete the tune-up inspections, inspections are required only during planned entries into the storage vessel or process equipment;

    b. Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available;

c. Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly (you may delay the inspection until the next scheduled unit shutdown). Units that produce electricity for sale may delay the inspection until the first outage, not to exceed 36 months from the previous inspection;

d. Optimize total emissions of CO. This optimization should be consistent with the manufacturer's specifications, if available, and with any NOx requirement to which the unit is subject;

e. Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer; and

f. Maintain on-site and submit, if requested by DEQ, a report containing the information in paragraphs (i) through (iii) below:

i. The concentrations of CO in the effluent stream in parts per million by volume, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the boiler or process heater;
ii. A description of any corrective actions taken as a part of the tune-up; and
iii. The type and amount of fuel used over the 12 months prior to the tune-up, but only if the unit was physically and legally capable of using more than one type of fuel during that period. Units sharing a fuel meter may estimate the fuel used by each unit.

(9VAC5-80-110, 40 CFR 63.7500(a)(1), 40 CFR 63.7515(d), 40 CFR 63.7540(a)(10), (12), and (13), and Table 3 of 40 CFR 63 Subpart DDDDD)

53. Tune-Up: Every Two Years - For the boilers (Ref. B1b), you must conduct a performance tune-up biennially, following the specifications in Condition 52.a through f. Each 2-year tune-up must be conducted no more than 25 months after the initial startup and then 25 months after the previous tune-up. If the unit is not operating on the required date for a tune-up, the tune-up must be conducted within 30 calendar days of startup.
(9VAC5-80-110, 40 CFR 63.7500(a)(1), 40 CFR 63.7515(d), 40 CFR 7540(a)(10), (11) and (13), and Table 3 of 40 CFR 63 Subpart DDDDD)

54. Initial Compliance - Initial tune ups for the boilers (Ref. B1a and B1b) must be conducted following the procedures described in Condition 52, no later than the compliance date specified in §63.7495, and Condition 50.
(9VAC5-80-110 and 40 CFR 63.7510(e))

Recordkeeping

55. Records - The permittee shall maintain records of emissions data and operating parameters as necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the DEQ. These records shall include, but are not limited to:

    a. A copy of each notification and report that you submitted to comply with 40 CFR 63 Subpart DDDDD, including all documentation supporting any Initial Notification or Notification of Compliance Status or semiannual compliance report that you submitted, according to the requirements in 40 CFR 63.10(b)(2)(xiv); and

    b. Records of performance tests, fuel analyses, or other compliance demonstrations and performance evaluations as required in 40 CFR 63.10(b)(2)(viii).

    Your records must be in a form suitable and readily available for expeditious review, according to 40 CFR 63.10(b)(1). As specified in 40 CFR 63.10(b)(1), you must keep each record for five years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. You must keep each record on site, or they must be accessible from on site (for example, through a computer network), for at least two years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b)(1). You can keep the records off site for the remaining three years.
    (9VAC5-80-110, 40 CFR 63.7540(a)(7), 40 CFR 63.7555 and 40 CFR 63.7560)

Reporting

56. Reporting - As specified in §63.9(b)(2) the permittee shall submit an Initial Notification no later than 120 days after the source becomes subject to 40CFR63 Subpart DDDDD. (9VAC5-80-110 and 40 CFR 63.7545(b))

57. Reports - You must submit each report in Table 9 to 40 CFR 63 Subpart DDDDD that applies to you. For the boilers (Ref. B1a and B1b) you may submit only a biennial, or 5-year compliance report, as applicable, as specified in a through d below.

    a. The first biennial, or 5-year compliance report must cover the period beginning on the applicability date specified in §63.7495 and Condition 50, and ending on December 31 within 2, or 5 years, as applicable.

    b. The first biennial, or 5-year compliance report must be postmarked or submitted no later than January 31.

    c. Biennial, and 5-year compliance reports must cover the applicable 2- or 5-year periods from January 1 to December 31.

d. Biennial, and 5-year compliance reports must be postmarked or submitted no later than January 31.

(9VAC5-80-110, 40 CFR 63.7495 and 40 CFR 63.7550(b))

58. Reports - For the boilers (Ref. B1a and B1b), a compliance report must contain the following information:

a. Company and Facility name and address.

b. Process unit information, emissions limitations, and operating parameter limitations.

c. Date of report and beginning and ending dates of the reporting period.

d. Include the date of the most recent tune-up for each unit subject to only the requirement to conduct a biennial or 5-year tune-up according to Conditions 52 and 53. Include the date of the most recent burner inspection if it was not done annually, biennially, or on a 5-year period and was delayed until the next scheduled or unscheduled unit shutdown.

e. Statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.

(9VAC5-80-110 and 40 CFR 63.7550(c))

59. Reports - You must submit all reports required by Table 9 of 40CFR63 Subpart DDDDD electronically to the EPA via the CEDRI. (CEDRI can be accessed through the EPA's CDX.) You must use the appropriate electronic report in CEDRI for 40 CFR 63 Subpart DDDDD. Instead of using the electronic report in CEDRI for Subpart DDDDD, you may submit an alternate electronic file consistent with the XML schema listed on the CEDRI Web site (http://www.epa.gov/ttn/chief/cedri/index.html), once the XML schema is available. If the reporting form specific to 40 CFR 63 Subpart DDDDD is not available in CEDRI at the time that the report is due, you must submit the report to EPA at the appropriate address listed in 40 CFR 63.13. You must begin submitting reports via CEDRI no later than 90 days after the form becomes available in CEDRI.
(9VAC5-80-110 and 40 CFR 63.7550(h))

Insignificant Emission Units

60. Insignificant Emission Units - The following emission units at the facility are identified in the application as insignificant emission units under 9VAC5-80-720:

Emission Unit No.	Emission Unit Description	Citation	Pollutant(s) Emitted (9VAC5-80-720 B)	Rated Capacity (9VAC5-80-720C)
W02	Line 2 Washer Oven	9VAC5-80-720 C	--	3.0 MMBtu/hr
W03	Line 3 Washer Oven	9VAC5-80-720 C	--	3.0 MMBtu/hr
W04/05	Line 4/5 Combined Washer Oven	9VAC5-80-720 C	--	2.5 MMBtu/hr
OV Tank	Overvarnish Coating Tank 12,000 gallons	9VAC5-80-720 B	VOC	--
IC Tank	Internal Coating Tank 12,000 gallons	9VAC5-80-720 B	VOC	--
BC Tank	Basecoat Tank 12,000 gallons	9VAC5-80-720 B	VOC	--
GO	Grieve Oven for Drying Internal Coating Paste (not currently in use)	9VAC5-80-720 B	VOC	--
Evap	Propane to NG Evaporator	9VAC5-80-720 B	VOC	--
VVTS	Wastewater Treatment System	9VAC5-80-720 B	VOC	--
UO Tank	Used Oil Tank 10,000 gallons	9VAC5-80-720 B	VOC	--
B01	Bulk Oil Tank #1 10,000 gallons	9VAC5-80-720 B	VOC	--
802	Bulk Oil Tank #2 10,000 gallons	9VAC5-80-720 B	VOC	--
P1	Propane Tank 30,000 gallons	9VAC5-80-720 B	VOC	--
P2	Propane Tank 30,000 gallons	9VAC5-80-720 B	VOC	--
TT	Trabon Lube Tank 2,000 gallons	9VAC5-80-720 B	VOC	--
MC1	Mist Collector for Lines 4 & 5 15,750 ACFM	9VAC5-80-720 B	VOC, PM	--
MC2	Mist Collector for Lines 2 & 3 15,750 ACFM	9VAC5-80-720 B	VOC, PM	--
Fork	Propane Powered Fork/ Lift Trucks and Equipment	9VAC5-80-720 A		--

Emission Unit No.	Emission Unit Description	Citation	Pollutant(s) Emitted (9VAC5-80-720 B)	Rated Capacity (9VAC5-80-720C)
Heat	Natural Gas Comfort Space Heating Units	9VAC5-80-720 A		--
Water	Natural Gas Hot Water Heaters	9VAC5-80-720 B	SO2, NOx, CO, PM, VOC	--
06	Can Washers 0.470 million cans/hr	9VAC5-80-720 B	Sulfuric Acid Mist	--

These emission units are presumed to be in compliance with all requirements of the federal Clean Air Act as may apply. Based on this presumption, no monitoring, recordkeeping, or reporting shall be required for these emission units in accordance with 9VAC5-80-110. (9VAC5-80-110)

Permit Shield & Inapplicable Requirements

61. Permit Shield & Inapplicable Requirements - Compliance with the provisions of this permit shall be deemed compliance with all applicable requirements in effect as of the permit issuance date as identified in this permit. This permit shield covers only those applicable requirements covered by terms and conditions in this permit and the following requirements which have been specifically identified as being not applicable to this permitted facility:

Citation	Title of Citation	Description of Applicability
40 CFR 60, Subpart D	Standards of Performance for Fossil-Fuel-Fired Steam Generators	This requirement does not apply to Emission Unit B1 (UNILUX Boilers). These units are each rated at less than 250 MMBtu/hr.
40 CFR 60, Subpart Db	Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units	This requirement does not apply to Emission Unit B1 (UNILUX Boilers). These units are each rated at less than 100 MMBtu/hr.
40 CFR 60, Subpart Dc	Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units	This requirement does not apply to Emission Unit B1 (UNILUX Boilers). These units are each rated at less than 10 MMBtu/hr.
40 CFR 60, Subpart Kb	Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	This requirement does not apply to any of the tanks listed as insignificant. The tanks are either smaller in size than 75 m^3 (20,000 gallons) or were installed prior to the applicability date of July 23, 1984.
40 CFR 63, Subpart JJJJJJ	National Emission Standards for Hazardous Air Pollutants for Area Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters	This requirement does not apply to the facility. The facility is subject to MACT Subpart DDDDD for Major Sources.
40 CFR 63, Subpart BBB	National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers- Area Sources	This requirement does not apply to Emission Units B1a or B1b (UNILUX Boilers). The hot water boilers are gas-fired and, therefore, are not subject to, this; subpart.

Nothing in this permit shield shall alter the provisions of §303 of the federal Clean Air Act, including the authority of the administrator under that section, the liability of the owner for any violation of applicable requirements prior to or at the time of permit issuance, or the ability to obtain information by (i) the administrator pursuant to §114 of the federal Clean Air Act, (ii) the Board pursuant to §10.1-1314 or §10.1-1315 of the Virginia Air Pollution Control Law or (iii) the Department pursuant to §10.1-1307.3 of the Virginia Air Pollution Control Law.
(9VAC5-80-110 and 9VAC5-80-140)

General Conditions

62. Federal Enforceability - All terms and conditions in this permit are enforceable by the administrator and citizens under the federal Clean Air Act, except those that have been designated as only state-enforceable.
(9VAC5-80-110)

63. Permit Expiration

a. This permit has a fixed term of five years. The expiration date shall be the date five years from the date of issuance. Unless the owner submits a timely and complete application for renewal to the Department consistent with the requirements of 9VAC5-80-80, the right of the facility to operate shall be terminated upon permit expiration.

b. The owner shall submit an application for renewal at least six months but no earlier than eighteen months prior to the date of permit expiration.

c. If an applicant submits a timely and complete application for an initial permit or renewal under 9VAC5-80-80 F, the failure of the source to have a permit or the operation of the source without a permit shall not be a violation of Article 1, Part II of 9VAC5 Chapter 80, until the Board takes final action on the application under 9VAC5-80-150.

d. No source shall operate after the time that it is required to submit a timely and complete application under subsections C and D of 9VAC5-80-80 for a renewal permit, except in compliance with a permit issued under Article 1, Part II of 9VAC5 Chapter 80.

e. If an applicant submits a timely and complete application under section 9VAC5-80-80 for a permit renewal but the Board fails to issue or deny the renewal permit before the end of the term of the previous permit, (i) the previous permit shall not expire until the renewal permit has been issued or denied and (ii) all the terms and conditions of the previous permit, including any permit shield granted pursuant to 9VAC5-80-140, shall remain in effect from the date the application is determined to be complete until the renewal permit is issued or denied.

f. The protection under subsections F 1 and F 5 (ii) of section 9VAC5-80-80 F shall cease to apply if, subsequent to the completeness determination made pursuant to section 9VAC5-80-80 D, the applicant fails to submit by the deadline specified in writing by the Board any additional information identified as being needed to process the application.

(9VAC5-80-80, 9VAC5-80-110, and 9VAC5-80-170)

64. Recordkeeping and Reporting - All records of monitoring information maintained to demonstrate compliance with the terms and conditions of this permit shall contain, where applicable, the following:

    a. The date, place as defined in the permit, and time of sampling or measurements;

    b. The date(s) analyses were performed;

    c. The company or entity that performed the analyses;

    d. The analytical techniques or methods used;

    e. The results of such analyses; and

    f. The operating conditions existing at the time of sampling or measurement. (9VAC5-80-110)

65. Recordkeeping and Reporting - Records of all monitoring data and support information shall be retained for at least five years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit. (9VAC5-80-110)

66. Recordkeeping and Reporting - The permittee shall submit the results of monitoring contained in any applicable requirement to DEQ no later than March 1 and September 1 of each calendar year. This report must be signed by a responsible official, consistent with 9VAC5-80-80 G, and shall include:

    a. The time period included in the report. The time periods to be addressed are January 1 to June 30 and July 1 to December 31; and

    b. All deviations from permit requirements. For purpose of this permit, deviations include, but are not limited to:

        i. Exceedances of emissions limitations or operational restrictions;

        ii. Excursions from control device operating parameter requirements, as documented by continuous emission monitoring or periodic monitoring, or Compliance Assurance Monitoring (CAM) which indicates an exceedance of emission limitations or operational restrictions; or,

        iii. Failure to meet monitoring, recordkeeping, or reporting requirements contained in this permit.

c. If there were no deviations from permit conditions during the time period, the permittee shall include a statement in the report that "no deviations from permit requirements occurred during this semiannual reporting period."

(9VAC5-80-110)

67. Annual Compliance Certification - Exclusive of any reporting required to assure compliance with the terms and conditions of this permit or as part of a schedule of compliance contained in this permit, the permittee shall submit to EPA and DEQ no later than March 1 each calendar year a certification of compliance with all terms and conditions of this permit including emission limitation standards or work practices for the period ending December 31. The compliance certification shall comply with such additional requirements that may be specified pursuant to §114(a)(3) and §504(b) of the federal Clean Air Act. The permittee shall maintain a copy of the certification for five (5) years after submittal of the certification. This certification shall be signed by a responsible official, consistent with 9VAC5-80-80 G, and shall include:

a. The time period included in the certification. The time period to be addressed is January 1 to December 31;

b. The identification of each term or condition of the permit that is the basis of the certification;

c. The compliance status;

d. Whether compliance was continuous or intermittent, and if not continuous, documentation of each incident of non-compliance;

e. Consistent with subsection 9VAC5-80-110, the method or methods used for determining the compliance status of the source at the time of certification and over the reporting period;

f. Such other facts as the permit may require to determine the compliance status of the source; and

g. One copy of the annual compliance certification shall be submitted to EPA in electronic format only. The certification document should be sent to the following electronic mailing address:

R3_APD_Permits@epa.gov

(9VAC5-80-110)

68. Permit Deviation Reporting - The permittee shall notify the Tidewater Regional Office within four daytime business hours after discovery of any deviations from permit requirements which may cause excess emissions for more than one hour, including those attributable to upset conditions as may be defined in this permit. In addition, within 14 days of the discovery, the permittee shall provide a written statement explaining the problem, any corrective actions or preventative measures taken, and the estimated duration of the permit deviation. The occurrence should also be reported in the next semiannual compliance monitoring report pursuant to Condition 66 of this permit.
(9VAC5-80-110 F.2)

69. Failure/Malfunction Reporting - In the event that any affected facility or related air pollution control equipment fails or malfunctions in such a manner that may cause excess emissions for more than one hour, the owner shall no later than four daytime business hours after the malfunction is discovered, notify the Tidewater Regional Office such failure or malfunction and within 14 days provide a written statement giving all pertinent facts, including the estimated duration of the breakdown. When the condition causing the failure or malfunction has been corrected and the equipment is again in operation, the owner shall notify the Tidewater Regional Office.
(9VAC5-80-110 and 9VAC5-20-180)

70. Severability - The terms of this permit are severable. If any condition, requirement or portion of the permit is held invalid or inapplicable under any circumstance, such invalidity or inapplicability shall not affect or impair the remaining conditions, requirements, or portions of the permit.
(9VAC5-80-110)

71. Duty to Comply - The permittee shall comply with all terms and conditions of this permit. Any permit noncompliance constitutes a violation of the federal Clean Air Act or the Virginia Air Pollution Control Law or both and is ground for enforcement action; for permit termination, revocation and reissuance, or modification; or, for denial of a permit renewal application.
(9VAC5-80-110)

72. Need to Halt or Reduce Activity not a Defense - It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
(9VAC5-80-110)

73. Permit Modification - A physical change in, or change in the method of operation of, this stationary source may be subject to permitting under State Regulations 9VAC5-80-50, 9VAC5-80-1100, 9VAC5-80-1605, or 9VAC5-80-2000 and may require a permit modification and/or revisions except as may be authorized in any approved alternative operating scenarios.
(9VAC5-80-110, 9VAC5-80-190, and 9VAC5-80-260)

74. Property Rights - The permit does not convey any property rights of any sort, or any exclusive privilege.
(9VAC5-80-110)

75. Duty to Submit Information - The permittee shall furnish to the Board, within a reasonable time, any information that the Board may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Board copies of records required to be kept by the permit and, for information claimed to be confidential, the permittee shall furnish such records to the Board along with a claim of confidentiality.
(9VAC5-80-110)

76. Duty to Submit Information - Any document (including reports) required in a permit condition to be submitted to the Board shall contain a certification by a responsible official that meets the requirements of 9VAC5-80-80 G.
(9VAC5-80-110)

77. Duty to Pay Permit Fees - The owner of any source for which a permit was issued under 9VAC5-80-50 through 9VAC5-80-300 shall pay annual emissions fees, as applicable, consistent with the requirements of 9VAC5-80-310 through 9VAC5-80-350 and annual maintenance fees, as applicable, consistent with the requirements of 9VAC5-80-2310 through 9VAC5-80-2350.
(9VAC5-80-110, 9VAC5-80-310 et seq., and 9VAC5-80-2310 et seq.)

78. Fugitive Dust Emission Standards - During the operation of a stationary source or any other building, structure, facility, or installation, no owner or other person shall cause or permit any materials or property to be handled, transported, stored, used, constructed, altered, repaired, or demolished without taking reasonable precautions to prevent particulate matter from becoming airborne. Such reasonable precautions may include, but are not limited to, the following:

    a. Use, where possible, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads, or the clearing of land;

    b. Application of asphalt, water, or suitable chemicals on dirt roads, materials stockpiles, and other surfaces which may create airborne dust; the paving of roadways and the maintaining of them in a clean condition;

    c. Installation and use of hoods, fans, and fabric filters to enclose and vent the handling of dusty material. Adequate containment methods shall be employed during sandblasting or similar operations;

d. Open equipment for conveying or transporting material likely to create objectionable air pollution when airborne shall be covered or treated in an equally effective manner at all times when in motion; and,

e. The prompt removal of spilled or tracked dirt or other materials from paved streets and of dried sediments resulting from soil erosion.

(9VAC5-80-110 and 9VAC5-40-90)

79. Startup, Shutdown, and Malfunction - At all times, including periods of startup, shutdown, and soot blowing, and malfunction, owners shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with air pollution control practices for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Board, which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.
(9VAC5-80-110 and 9VAC5-40-20 E)

80. Alternative Operating Scenarios - Contemporaneously with making a change between reasonably anticipated operating scenarios identified in this permit, the permittee shall record in a log at the permitted facility a record of the scenario under which it is operating. The permit shield described in 9VAC5-80-140 shall extend to all terms and conditions under each such operating scenario. The terms and conditions of each such alternative scenario shall meet all applicable requirements including the requirements of 9VAC5 Chapter 80, Article 1.
(9VAC5-80-110)

81. Inspection and Entry Requirements - The permittee shall allow DEQ, upon presentation of credentials and other documents as may be required by law, to perform the following:

a. Enter upon the premises where the source is located or emissions-related activity is conducted, or where records must be kept under the terms and conditions of the permit.

b. Have access to and copy, at reasonable times, any records that must be kept under the terms and conditions of the permit.

c. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit.

d. Sample or monitor at reasonable times' substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

(9VAC5-80-110)

82. Reopening for Cause - The permit shall be reopened by the Board if additional federal requirements become applicable to a major source with a remaining permit term of three years or more. Such reopening shall be completed no later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to 9VAC5-80-80 F. The conditions for reopening a permit are as follows:

    a. The permit shall be reopened if the Board or the administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

    b. The permit shall be reopened if the administrator or the Board determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

    c. The permit shall not be reopened by the Board if additional applicable state requirements become applicable to a major source prior to the expiration date established under 9VAC5-80-110 D.

    (9VAC5-80-110)

83. Permit Availability - Within five days after receipt of the issued permit, the permittee shall maintain the permit on the premises for which the permit has been issued and shall make the permit immediately available to DEQ upon request.
    (9VAC5-80-110 and 9VAC5-80-150)

84. Transfer of Permits

    a. No person shall transfer a permit from one location to another, unless authorized under 9VAC5-80-130, or from one piece of equipment to another.

    b. In the case of a transfer of ownership of a stationary source, the new owner shall comply with any current permit issued to the previous owner. The new owner shall notify the Board of the change in ownership within 30 days of the transfer and shall comply with the requirements of 9VAC5-80-200.

    c. In the case of a name change of a stationary source, the owner shall comply with any current permit issued under the previous source name. The owner shall notify the Board of the change in source name within 30 days of the name change and shall comply with the requirements of 9VAC5-80-200.

    (9VAC5-80-110 and 9VAC5-80-160)

85. Permit Revocation or Termination for Cause - A permit may be revoked or terminated prior to its expiration date if the owner knowingly makes material misstatements in the permit application or any amendments thereto or if the permittee violates, fails, neglects or refuses to comply with the terms or conditions of the permit, any applicable requirements, or the applicable provisions of 9VAC5 Chapter 80 Article 1. The Board may suspend, under such conditions and for such period of time as the Board may prescribe any permit for any grounds for revocation or termination or for any other violations of these regulations. (9VAC5-80-110, 9VAC5-80-190 C, and 9VAC5-80-260)

86. Duty to Supplement or Correct Application - Any applicant who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrections. An applicant shall also provide additional information as necessary to address any requirements that become applicable to the source after the date a complete application was filed but prior to release of a draft permit. (9VAC5-80-110 and 9VAC5-80-80 E)

87. Stratospheric Ozone Protection - If the permittee handles or emits one or more Class I or II substances subject to a standard promulgated under or established by Title VI (Stratospheric Ozone Protection) of the federal Clean Air Act, the permittee shall comply with all applicable sections of 40 CFR Part 82, Subparts A to F. (9VAC5-80-110 and 40 CFR Part 82)

88. Asbestos Requirements - The permittee shall comply with the requirements of National Emissions Standards for Hazardous Air Pollutants (40 CFR 61) Subpart M, National Emission Standards for Asbestos as it applies to the following: Standards for Demolition and Renovation (40 CFR 61.145), Standards for Insulating Materials (40 CFR 61.148), and Standards for Waste Disposal (40 CFR 61.150). (9VAC5-60-70 and 9VAC5-80-110)

89. Accidental Release Prevention - If the permittee has more, or will have more than a threshold quantity of a regulated substance in a process, as determined by 40 CFR 68.115, the permittee shall comply with the requirements of 40 CFR Part 68. (9VAC5-80-110 and 40 CFR Part 68)

90. Changes to Permits for Emissions Trading - No permit revision shall be required under any federally approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit. (9VAC5-80-110)

91. Emissions Trading - Where the trading of emissions increases and decreases within the permitted facility is to occur within the context of this permit and to the extent that the regulations provide for trading such increases and decreases without a case-by-case approval of each emissions trade:

    a. All terms and conditions required under 9VAC5-80-110, except subsection N, shall be included to determine compliance.

    b. The permit shield described in 9VAC5-80-140 shall extend to all terms and conditions that allow such increases and decreases in emissions.

    c. The owner shall meet all applicable requirements including the requirements of 9VAC5-80-50 through 9VAC5-80-300.

    (9VAC5-80-110)